



July 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards, known as *Learning Results*, adopted by the Maine Legislature in 1997. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning Test™ (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure achievement. As last year, the mathematics portion of the SAT Reasoning Test™ was augmented with 18 additional mathematics items (the Math-A test) to more fully measure Maine's *Learning Results*. Additionally, Science and Technology testing resumed this year after a two-year hiatus. The combined tests form the Maine High School Assessment (MHSA).

Because the MHSA Science & Technology achievement level standards had not been revised in 2006 like all other disciplines, it was necessary to revise the standards for that discipline this spring. The new achievement level standards are the result of a comprehensive process informed by Maine teachers and reviewed by advisory committees. The achievement level standards for the 2008 Critical Reading, Writing and Mathematics sections of the MHSA were not changed.

These 2007-2008 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science & technology reported according to the achievement standards described above and disaggregated by student and school characteristics. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores for most students may also be used for college admission, scores for students who received accommodations during the test administration that exceeded those made available by the College Board are not college reportable.

The state results reflect scores based on SAT, Math-A, and Science & Technology test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs a design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science & technology questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: http://www.maine.gov/education/sat_initiative/.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Sincerely,

Susan A. Gendron
Commissioner of Education



High School Report

Test Date: May 2008
ID: 12491714
SAU: MSAD 55
School: Sacopee Valley High Sch

Contents of the Report

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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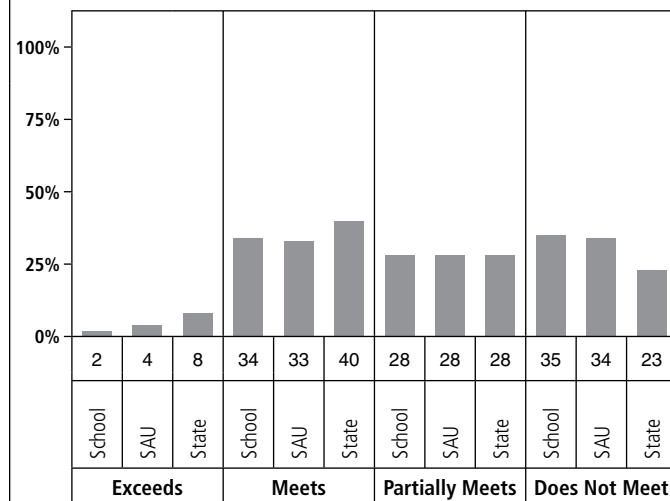
SUMMARY OF SCORES

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

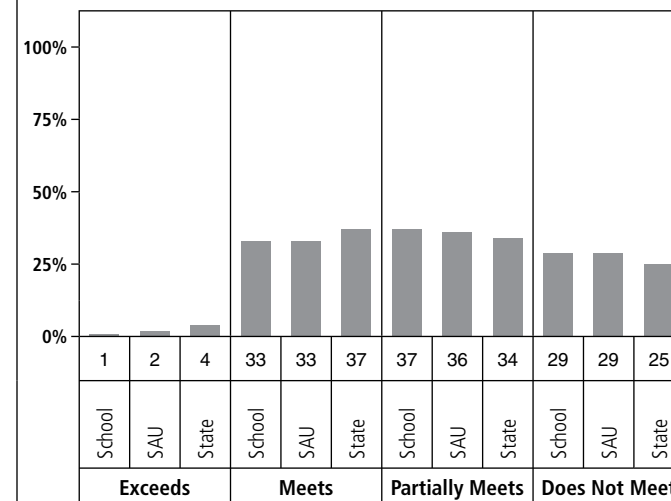
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
Critical Reading 2006–2007 2007–2008	1138 1137	1138 1137	1141 1141
Mathematics 2006–2007 2007–2008	1139 1138	1139 1138	1140 1141
Writing 2006–2007 2007–2008	1138 1137	1138 1137	1141 1140
Science 2007–2008	1137	1137	1141

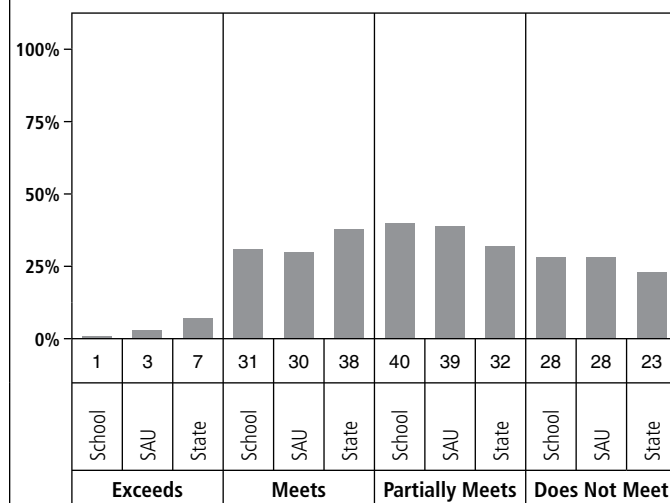
CRITICAL READING



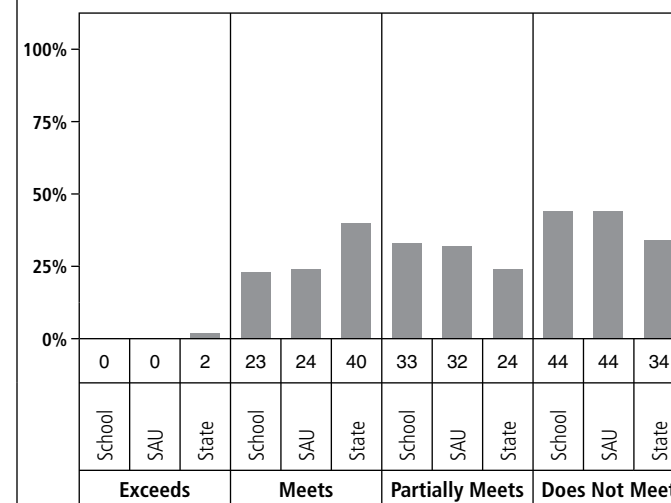
MATHEMATICS



WRITING



SCIENCE



SUMMARY OF STUDENT PARTICIPATION

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							Critical Reading						Mathematics						Writing						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total number of students	96	100	99	100	15604	100	91	95	93	94	14875	96	92	96	95	96	15165	97	91	95	93	94	14869	96	92	96	95	96	14961	96
Ethnicity African American/Black	0	0	0	0	305	2	0	0	0	0	261	86	0	0	0	0	286	95	0	0	0	0	260	86	0	0	0	0	280	93
American Indian or Native Alaskan	0	0	0	0	103	1	0	0	0	0	95	93	0	0	0	0	97	95	0	0	0	0	95	93	0	0	0	0	93	91
Asian or Pacific Islander	0	0	0	0	215	1	0	0	0	0	194	90	0	0	0	0	202	94	0	0	0	0	194	90	0	0	0	0	200	93
Hispanic	0	0	0	0	140	1	0	0	0	0	118	84	0	0	0	0	123	88	0	0	0	0	118	84	0	0	0	0	120	86
Caucasian/White	96	100	99	100	14841	95	91	95	93	94	14207	96	92	96	95	96	14457	98	91	95	93	94	14202	96	92	96	95	96	14268	96
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	11	11	13	13	2247	14	9	82	10	77	2065	93	9	82	11	85	2138	96	9	82	10	77	2060	92	9	82	11	85	2081	93
Current LEP	2	2	3	3	648	4	2	100	3	100	508	79	2	100	3	100	564	87	2	100	3	100	507	78	1	50	2	67	534	83
Economically disadvantaged	34	35	34	34	4028	26	31	91	31	91	3682	92	32	94	32	94	3831	95	31	91	31	91	3679	92	32	94	32	94	3755	94
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100

MODE OF PARTICIPATION ³	Critical Reading						Mathematics						Writing						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Participation without accommodations	90	94	91	92	13042	84	91	95	93	94	13332	85	90	94	91	92	13042	84	91	95	93	94	13192	85
Identified disability (PET/IEP)	8	9	8	9	739	6	8	9	9	10	810	6	8	9	8	9	739	6	8	9	9	10	791	6
LEP	2	2	3	3	399	3	2	2	3	3	456	3	2	2	3	3	399	3	1	1	2	2	436	3
504 plan	0	0	0	0	196	2	0	0	0	0	204	2	0	0	0	0	196	2	0	0	0	0	201	2
Participation with accommodations	0	0	1	1	1623	10	0	0	1	1	1624	10	0	0	1	1	1625	10	0	0	1	1	1567	10
Identified disability (PET/IEP)	0	0	1	100	1117	69	0	0	1	100	1119	69	0	0	1	100	1119	69	0	0	1	100	1088	69
LEP	0	0	0	0	93	6	0	0	0	0	93	6	0	0	0	0	93	6	0	0	0	0	83	5
504 plan	0	0	0	0	58	4	0	0	0	0	58	4	0	0	0	0	58	4	0	0	0	0	55	4
Other	0	0	0	0	367	23	0	0	0	0	366	23	0	0	0	0	367	23	0	0	0	0	353	23
Participation through alternate assessment (PAAP)	1	1	1	1	209	1	1	1	1	1	209	1	1	1	1	1	202	1	1	1	1	1	202	1
Identified disability (PET/IEP)	1	100	1	100	209	100	1	100	1	100	209	100	1	100	1	100	202	100	1	100	1	100	202	100
LEP	0	0	0	0	15	7	0	0	0	0	15	7	0	0	0	0	15	7	0	0	0	0	15	7
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0																		
Approved non-participation – special consideration	0	0	0	0	36	0	0	0	0	0	40	0	0	0	0	0	36	0	0	0	0	0	38	0
Non-participation – other	5	5	6	6	693	4	4	4	4	4	399	3	5	5	6	6	699	4	4	4	4	4	605	4

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

CRITICAL READING RESULTS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the reading standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within reading at the grade level assessed. Evidence includes responses to multiple-choice items in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1161-1180)	2005-2006	0	0	0	0	1079	7
	2006-2007	2	2	2	2	1168	8
	2007-2008	2	2	4	4	1184	8
	Cum. Total*	4	2	6	2	3431	8
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1141-1160)	2005-2006	24	31	24	31	5697	38
	2006-2007	33	34	33	34	5714	38
	2007-2008	30	34	30	33	5885	40
	Cum. Total*	87	33	87	33	17296	39
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1129-1140)	2005-2006	24	31	24	31	4772	32
	2006-2007	37	38	37	38	4728	31
	2007-2008	25	28	25	28	4093	28
	Cum. Total*	86	33	86	32	13593	30
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100-1128)	2005-2006	30	38	30	38	3595	24
	2006-2007	25	26	25	26	3444	23
	2007-2008	31	35	31	34	3417	23
	Cum. Total*	86	33	86	32	10456	23

CRITICAL READING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	88	2	2	30	34	25	28	31	35	1137	90	4	33	28	34	1137	14579	8	40	28	23	1141
Ethnicity																						
African American/Black	0										0						248	4	21	27	48	1132
American Indian or Native Alaskan	0										0						94	5	27	28	40	1134
Asian or Pacific Islander	0										0						192	4	35	30	31	1138
Hispanic	0										0						115	5	32	26	37	1136
Caucasian/White	88	2	2	30	34	25	28	31	35	1137	90	4	33	28	34	1137	13930	8	41	28	23	1141
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	1	17	4	67	1126	7	14	14	14	57	1132	1823	1	9	24	65	1126
No	82	2	2	29	35	24	29	27	33	1137	83	4	35	29	33	1138	12756	9	45	29	17	1143
Current LEP																						
Yes	2										3						488	3	22	24	52	1132
No	86	2	2	30	35	25	29	29	34	1137	87	3	34	29	33	1137	14091	8	41	28	22	1141
Economically disadvantaged																						
Yes	30	2	7	7	23	10	33	11	37	1136	30	7	23	33	37	1136	3545	3	28	30	39	1134
No	58	0	0	23	40	15	26	20	34	1137	60	3	38	25	33	1138	11034	10	44	27	19	1143
Migrant																						
Yes	0										0						5	20	0	40	40	1136
No	88	2	2	30	34	25	28	31	35	1137	90	4	33	28	34	1137	14574	8	40	28	23	1141
Gender																						
Female	45	1	2	21	47	11	24	12	27	1140	46	4	46	24	26	1141	7237	8	42	30	19	1142
Male	43	1	2	9	21	14	33	19	44	1133	44	5	20	32	43	1134	7342	8	38	26	28	1140
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	9	30	61	1127
No	88	2	2	30	34	25	28	31	35	1137	90	4	33	28	34	1137	14476	8	41	28	23	1141
Gifted/talented program																						
Yes	0										0						295	48	48	4	0	1161
No	88	2	2	30	34	25	28	31	35	1137	90	4	33	28	34	1137	14284	7	40	29	24	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the mathematics standards for achieving Maine's *Learning Results*. Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within mathematics at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL *					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1161-1180)	2006-2007 2007-2008	0 1	0 1	0 2	0 2	578 637	4 4
Meets the Standards – The student's work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1141-1160)	2006-2007 2007-2008	35 29	35 33	35 30	35 33	5481 5508	36 37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1133-1140)	2006-2007 2007-2008	31 33	31 37	31 33	31 36	4754 5065	31 34
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and apply concepts. (scaled score 1100-1132)	2006-2007 2007-2008	33 26	33 29	33 27	33 29	4607 3660	30 25

MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	89	1	1	29	33	33	37	26	29	1138	92	2	33	36	29	1138	14870	4	37	34	25	1141
Ethnicity																						
African American/Black	0										0						274	1	12	31	57	1133
American Indian or Native Alaskan	0										0						96	2	24	30	44	1136
Asian or Pacific Islander	0										0						200	8	37	34	22	1142
Hispanic	0										0						120	3	23	32	43	1138
Caucasian/White	89	1	1	29	33	33	37	26	29	1138	92	2	33	36	29	1138	14180	4	38	34	24	1141
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	0	0	1	17	5	83	1130	8	0	13	13	75	1133	1896	0	8	22	70	1130
No	83	1	1	29	35	32	39	21	25	1139	84	2	35	38	25	1139	12974	5	41	36	18	1142
Current LEP																						
Yes	2										3						545	3	16	28	53	1135
No	87	1	1	29	33	33	38	24	28	1138	89	1	34	37	28	1138	14325	4	38	34	24	1141
Economically disadvantaged																						
Yes	31	0	0	7	23	13	42	11	35	1136	31	0	23	42	35	1136	3695	1	22	37	40	1136
No	58	1	2	22	38	20	34	15	26	1139	61	3	38	33	26	1140	11175	5	42	33	19	1142
Migrant																						
Yes	0										0						5	20	20	40	20	1144
No	89	1	1	29	33	33	37	26	29	1138	92	2	33	36	29	1138	14865	4	37	34	25	1141
Gender																						
Female	45	0	0	18	40	17	38	10	22	1138	46	0	41	37	22	1139	7362	3	36	36	24	1140
Male	44	1	2	11	25	16	36	16	36	1138	46	4	24	35	37	1138	7508	5	38	32	25	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	8	41	51	1134
No	89	1	1	29	33	33	37	26	29	1138	92	2	33	36	29	1138	14767	4	37	34	24	1141
Gifted/talented program																						
Yes	0										0						296	35	59	5	0	1158
No	89	1	1	29	33	33	37	26	29	1138	92	2	33	36	29	1138	14574	4	37	35	25	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

WRITING RESULTS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the writing standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within writing at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1161-1180)	2005-2006	2	3	2	3	952	6
	2006-2007	4	4	4	4	937	6
	2007-2008	1	1	3	3	962	7
	Cum. Total*	7	3	9	3	2851	6
Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1141-1160)	2005-2006	23	29	23	29	6055	40
	2006-2007	35	36	35	36	6167	41
	2007-2008	27	31	27	30	5564	38
	Cum. Total*	85	32	85	32	17786	40
Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1129-1140)	2005-2006	32	41	32	41	4916	32
	2006-2007	33	34	33	34	4723	31
	2007-2008	35	40	35	39	4679	32
	Cum. Total*	100	38	100	38	14318	32
Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)	2005-2006	21	27	21	27	3221	21
	2006-2007	25	26	25	26	3227	21
	2007-2008	25	28	25	28	3376	23
	Cum. Total*	71	27	71	27	9824	22

WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	88	1	1	27	31	35	40	25	28	1137	90	3	30	39	28	1137	14581	7	38	32	23	1140
Ethnicity																						
African American/Black	0										0						248	2	19	30	49	1131
American Indian or Native Alaskan	0										0						94	3	19	38	39	1133
Asian or Pacific Islander	0										0						192	6	30	34	30	1137
Hispanic	0										0						115	2	30	36	33	1136
Caucasian/White	88	1	1	27	31	35	40	25	28	1137	90	3	30	39	28	1137	13932	7	39	32	22	1140
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	0	0	1	17	5	83	1122	7	14	0	14	71	1128	1825	1	7	23	69	1125
No	82	1	1	27	33	34	41	20	24	1138	83	2	33	41	24	1138	12756	7	43	33	17	1142
Current LEP																						
Yes	2										3						488	3	19	29	49	1131
No	86	1	1	27	31	35	41	23	27	1137	87	2	31	40	26	1137	14093	7	39	32	22	1140
Economically disadvantaged																						
Yes	30	0	0	8	27	11	37	11	37	1134	30	0	27	37	37	1134	3546	2	25	35	38	1134
No	58	1	2	19	33	24	41	14	24	1138	60	5	32	40	23	1139	11035	8	42	31	18	1142
Migrant																						
Yes	0										0						5	20	0	20	60	1131
No	88	1	1	27	31	35	40	25	28	1137	90	3	30	39	28	1137	14576	7	38	32	23	1140
Gender																						
Female	45	1	2	23	51	15	33	6	13	1141	46	4	50	33	13	1142	7239	8	43	33	17	1142
Male	43	0	0	4	9	20	47	19	44	1132	44	2	9	45	43	1133	7342	6	34	31	30	1138
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	7	39	54	1128
No	88	1	1	27	31	35	40	25	28	1137	90	3	30	39	28	1137	14478	7	38	32	23	1140
Gifted/talented program																						
Yes	0										0						295	42	53	4	0	1159
No	88	1	1	27	31	35	40	25	28	1137	90	3	30	39	28	1137	14286	6	38	33	24	1139

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the science standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within science at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL*					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1161-1180)	2007-2008	0	0	0	0	300	2
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1141-1160)	2007-2008	21	23	23	24	5927	40
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1135-1140)	2007-2008	30	33	30	32	3544	24
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 1100-1134)	2007-2008	40	44	41	44	4988	34

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	15	27	4.95	33.0	4.95	33.0	6.41	42.7
Cluster 2: Physical Sciences	14	25	4.79	34.2	4.88	34.9	6.22	44.4
Cluster 3: Earth and Space Sciences	14	25	4.11	29.4	4.20	30.0	5.04	36.0
Cluster 4: Nature and Implications of Science	13	23	5.99	46.1	6.04	46.5	6.59	50.7

Cluster 1: Life Sciences

- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences

- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences

- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science

- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine's 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MHSA measures a grade span expectation, which can be found at <http://www.maine.gov/education/salt/gles.htm>.

SCIENCE RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: MSAD 55
School: Sacopee Valley High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	91	0	0	21	23	30	33	40	44	1137	94	0	24	32	44	1137	14759	2	40	24	34	1141
Ethnicity																						
African American/Black	0										0						269	0	20	14	65	1134
American Indian or Native Alaskan	0										0						92	1	24	28	47	1138
Asian or Pacific Islander	0										0						199	3	36	25	36	1140
Hispanic	0										0						118	1	26	19	54	1136
Caucasian/White	91	0	0	21	23	30	33	40	44	1137	94	0	24	32	44	1137	14081	2	41	24	33	1141
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	0	0	2	25	6	75	1132	10	0	10	20	70	1133	1879	0	11	17	72	1133
No	83	0	0	21	25	28	34	34	41	1138	84	0	26	33	40	1138	12880	2	44	25	28	1142
Current LEP																						
Yes	1										2						519	1	18	19	62	1134
No	90	0	0	21	23	30	33	39	43	1137	92	0	24	33	43	1137	14240	2	41	24	33	1141
Economically disadvantaged																						
Yes	32	0	0	6	19	12	38	14	44	1137	32	0	19	38	44	1137	3651	1	26	24	49	1137
No	59	0	0	15	25	18	31	26	44	1137	62	0	27	29	44	1138	11108	3	45	24	29	1142
Migrant																						
Yes	0										0						5	20	40	40	0	1146
No	91	0	0	21	23	30	33	40	44	1137	94	0	24	32	44	1137	14754	2	40	24	34	1141
Gender																						
Female	45	0	0	13	29	12	27	20	44	1138	46	0	30	26	43	1138	7277	1	37	26	36	1140
Male	46	0	0	8	17	18	39	20	43	1137	48	0	19	38	44	1137	7482	3	43	22	32	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						100	1	5	22	72	1133
No	91	0	0	21	23	30	33	40	44	1137	94	0	24	32	44	1137	14659	2	40	24	34	1141
Gifted/talented program																						
Yes	0										0						296	13	80	5	3	1152
No	91	0	0	21	23	30	33	40	44	1137	94	0	24	32	44	1137	14463	2	39	24	34	1140

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